



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

| PO No    | Supplier  | Line Item No | Rel No | Terms  | Purchased Item | Description  | For Part No | Project | Equipment ID | Order Qty | Due Date   | Received Quantity | Accounting Job No | Serial No | Status | Receive Date | Price/Unit   | Aging Days | Past Due | To   |
|----------|-----------|--------------|--------|--------|----------------|--|-------------|---------|--------------|-----------|------------|-------------------|-------------------|-----------|--------|--------------|--------------|------------|----------|------|
| PO038622 | ACI001-VC | 1            | 1      | Net 30 | M5052H32S.032  | 5052-H32 .032 Sheet :<br>MATERIAL:<br>5052-H32<br>ALUMINUM<br>SHEET AS<br>PER QQ-A-<br>250/8 OR<br>AMS-QQ-A-<br>250/8 OR AMS<br>4016 OR<br>ASTM B209<br>receive sf |             |         |              | 64        | 12/15/2017 | 64                |                   | S023291   | Stock  | 12/15/2017   | \$ 2.59 / sf | 0          |          | \$11 |
| Total:   |           |              |        |        |                |  |             |         |              | 64        |            | 64                |                   |           |        |              |              |            |          | \$12 |

Plex 12/15/2017 3:09 PM Dart.Dubois Pascal





**ACIER OUELLETTE INC.**  
935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## Order - Sales

Copy

CO00066678

Customer N° CL10001056

Date 2017/12/12

Delivery date 2017/12/15

Your order N° 38622

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

**Billed to**  
DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page 1

| Product Description  | Weight | Qty   | U/M       | PCS NB |     |     | Internal Use Only |   |   |   |
|--|--------|-------|-----------|--------|-----|-----|-------------------|---|---|---|
|  |        |       |           | CMD    | EXP | B/O | IN                | I | S | C |
| 1 ALU SHEET .032 (20G) 5052-H32 NS<br>FEAL-032 9714<br>2 X 4' X 8' HEAT<br>AC12201-RY-L342 | 28.86  | 64.00 | PI2_\$CLB | 2.00   |     |     |                   |   |   |   |
| SURCHARGE ENERGETIQUE<br>FRAIS_ENERGETIQUE   |        |       | \$        | 0.00   |     |     |                   |   |   |   |

Total Weight (LBS) : 1 28.86

NIR : R-109516-6

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : Verified By : Delivered By : Time

Customer's Signature

Y M D

Total (\$CAD)

Deposit 192.04  
Balance 0.00  
192.04

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M5052H325.032  
 DATE: DEC 15 2017

PO / BATCH NO.: 038622/5023291

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 64P<sup>1</sup>  
 QUANTITY INSPECTED: 64P<sup>1</sup>  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.32  
 THICKNESS RECEIVED: 0.32  
 SHEET SIZE ORDERED: 4x8  
 SHEET SIZE RECEIVED: 4x8

| DESCRIPTION  | NCR<br>(Check<br>Y/N)              |                                    | COMMENTS               |
|--|------------------------------------|------------------------------------|------------------------|
| SURFACE DAMAGE                                     | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| CORROSION  | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| CORRECT MATERIAL PER M-DRAWING                     | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N | <u>Asxm 0209</u>       |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| PHOTO REQUIRED                                     | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N | <u>Heat# +16222060</u> |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | <input checked="" type="radio"/> Y | <input checked="" type="radio"/> N |                        |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |     |       |       |         |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL   | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE  |     |     |       |       |         |
| HARDNESS / DUROMETER READING   |     |     |       |       |         |

*testers located in the Quality Office*

## QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: [Signature] DAS  
9  
 DATE: DEC 15 2017

SIGNED OFF BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 5052-H32 ALUMINUM SHEET  
SPECIFICATION: QQ-A-250/8 OR AMS-QQ-A-250/8  
OR AMS 4016  
OR ASTM B209  
PART NUMBER: M5052H32S | XXX | THK  
WHERE "XXX" = SHEET THICKNESS (IN INCHES)  
EG. 0.063" THICK SHEET = M5052H32 063  
PREFERRED SIZE: .XXX BY 4FT BY 8FT

RELEASED  
R 2009-10-30  
AWP

|            |  |    |          |
|------------|--|----|----------|
| B          | REFORMAT DWG. ADD B209 SPEC (ZN DB-1), PAR 08-020A | CP | 09.09.26 |
| A          | NEW ISSUE  | DS | 01.06.08 |
| REV.       | DESCRIPTION  | BY | DATE     |
| DESIGN     |  |    |          |
| DRAWN      |  |    |          |
| CHECKED    |  |    |          |
| MFG. APPR. |  |    |          |
| APPROVED   |  |    |          |
| DE APPR.   |  |    |          |
| DATE       | 09.09.26   |    |          |

|                             |                     |
|-----------------------------|---------------------|
| DART AEROSPACE LTD          | REV. B              |
| HAWKESBURY, ONTARIO, CANADA | SHEET 1 OF 1        |
| DRAWING NO. M5052H32S       | SCALE               |
| TITLE                       | 5052-H32 SHEET SPEC |
|                             | NTS                 |

COPYRIGHT © 2001 BY DART AEROSPACE LTD  
THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD.  
IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED.  
NO OTHER REPRODUCTION OR TRANSMISSION IS PERMITTED WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

UL161226392

NKCL1144-2



**ADITYA BIRLA** Novelis Korea Limited Ulsan Plant  
23rd Floor  
10 Tongil-ro, Jung-gu,  
Seoul, 100-753, Korea  
Tel : +822 2239 1600 Fax : +822 771 5700

# Inspection Certificate

SHIP TO CUSTOMER

TACHEN - Plastic Profile

STANDARD ASTM

DATE : 26-DEC-2016

PRODUCT :

AL-COIL

ALLOY

5052

TEMPER

H32

GAUGE

0.0110

Inch

WIDTH

48.000

Inch

Lot No

Process No

Weight

GO

PRODUCT SPECIFICATIONS

UTS

YS

EL

SI

Fe

Cu

Mn

P

S

Al

Other

Chemical Composition

OPTIONAL FIELD

REMARK

| Lot No | Process No | Weight | GO  | PRODUCT SPECIFICATIONS | UTS | YS  | EL | SI   | Fe   | Cu   | Mn   | P    | S    | Al   | Other | Chemical Composition | OPTIONAL FIELD | REMARK |
|--------|------------|--------|-----|------------------------|-----|-----|----|------|------|------|------|------|------|------|-------|----------------------|----------------|--------|
| 162204 | 000592     | 754    | 120 | MAX                    | 480 | 280 | 40 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05  | 0.05                 | 0.05           |        |
| 162204 | 000592     | 754    | 120 | MAX                    | 480 | 280 | 40 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05  | 0.05                 | 0.05           |        |
| 162204 | 000592     | 754    | 120 | MAX                    | 480 | 280 | 40 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05  | 0.05                 | 0.05           |        |

REMARKS

Consent of Ulsan Steel Korea, At the product is manufactured in Korea Korea comply with the 162204 Aditya Specification, ASTM B 209-11, AISI 5052 H32, 48.000 and MS 48.000 H32, V

WE HEREBY CERTIFY THAT MATERIAL MEETS THE CUSTOMER'S SPECIFICATIONS

*[Signature]*

LOT COUNT

2



MTR#: NKCL1144-2.GIF

This MTR contains 1 page (Page# 1)

MILL TEST REPORT  
Customer: RYEBRA PO#:789927 SO#:LSGV84  
Item: 032485052H32 Bundle: T16222042 Heat#: T16222042  
Item: 032485052H32 Bundle: T16222060 Heat#: T16222060

## CERTIFICATION DU MATÉRIEL

CLIENT:  
SALABERRY-DE-VALLEYFIELD

ACIER OUELLETTE INC DIV.DE  
935 BOUL DU HAVRE  
SALABERRY-DE-VALLEYFIELD, QUEBEC  
QC J6S 5L1

NUMÉRO DE COMMANDE: 14745145 000010  
COMMANDE DU CLIENT: AC12201  
NUMÉRO DE PIÈCES:  
NUMÉRO DE LIVRAISON: 803436195 000010

NUMÉRO D'ARTICLE: 160002071  
DESCRIPTION INVENTAIRE: SHT 5052 H32 .032 X 48 X 96

DESCRIPTION ARTICLE FINIS: ALUM FL 5052 H32 PI  
0.032po X 48po X 96po

NUMERO (S) DE COULÉE T16Z22060  
BRAME / BOBINE / TIN (le cas échéant)  
T16Z22060


## CERTIFICATION

Un sondage de nos sources matérielles a indiqué que ni le mercure ni des substances radioactives ne sont introduits dans leurs produits ni ne sont utilisés dans aucun de leurs procédés. Alors que nous ne faisons aucun test indépendant pour le mercure ou la radiation, il n'y a rien dans le système de Ryerson qui pourrait entraîner la contamination de l'un ou l'autre type.

Ce document certifie que le matériel décrit ci-dessus a été expédié conformément à votre commande. Le producteur du matériel a certifié à Ryerson qu'il a été produit conformément aux spécifications suivantes:

ASTM B209 AMS 4016

12/14/2017

  
Thomas Endres  
Vice-président - Approvisionnement